

Model 40A350

ULTRASONIC HORN ANALYZER

Designed for the heavily involved ultrasonic customer, the Dukane digital Horn Analyzer is extremely useful. It is designed to feed a high frequency signal to vibrating components and detect the frequencies at which those components resonate. Therefore, it can be used in the manufacture and repair of trial and production horns of both 20 KHz and 40 KHz frequencies. The analyzer also serves as an effective troubleshooting tool for existing ultrasonic installations. In this regard, this unit is unique in that a horn can be checked in its production setting. The horn does not have to be broken down and transferred to a test bench as is the case with currently available analyzers.

The unit includes a lightweight, high impact resistant carrying case and both high and low meter sensitivity ranges.



EQUIPMENT INCLUDED

20 KHz TEST PACKAGE

- 1 - 41C32 20 KHz test transducer
- 1 - 200-479 test cable
- 2 - spanner wrenches
- 1 - step stud (3/8" - 24 x 1/2" - 20)
(9.5 mm - 24 x 12.7 mm - 20)

40 KHz TEST PACKAGE

- 1 - 41C31 40 KHz test transducer
- 1 - 200-503 test cable
- 2 - spanner wrenches
- 1 - step stud (1/4" - 20 x M8 - 1.25)

SPECIFICATIONS

POWER REQUIREMENTS

- 120 Vac, 50/60 Hz

OUTPUT FREQUENCIES

- 20 KHz Range: Approx. 14,650 – 23,600 Hz
- 40 KHz Range: Approx. 34,500 – 46,150 Hz

DIMENSIONS

- 10" (254mm) W x 9" (229mm) D x 5.5" (140mm) H, excluding handle
- 7.5 lbs. (3.4 Kg) including connecting cables

WEIGHT

- 10 lbs. (4.5 Kg) including test transducer and cable

Note: All specifications are subject to change without notice. Please consult Dukane Ultrasonics for any updated information.